

FIG. 1

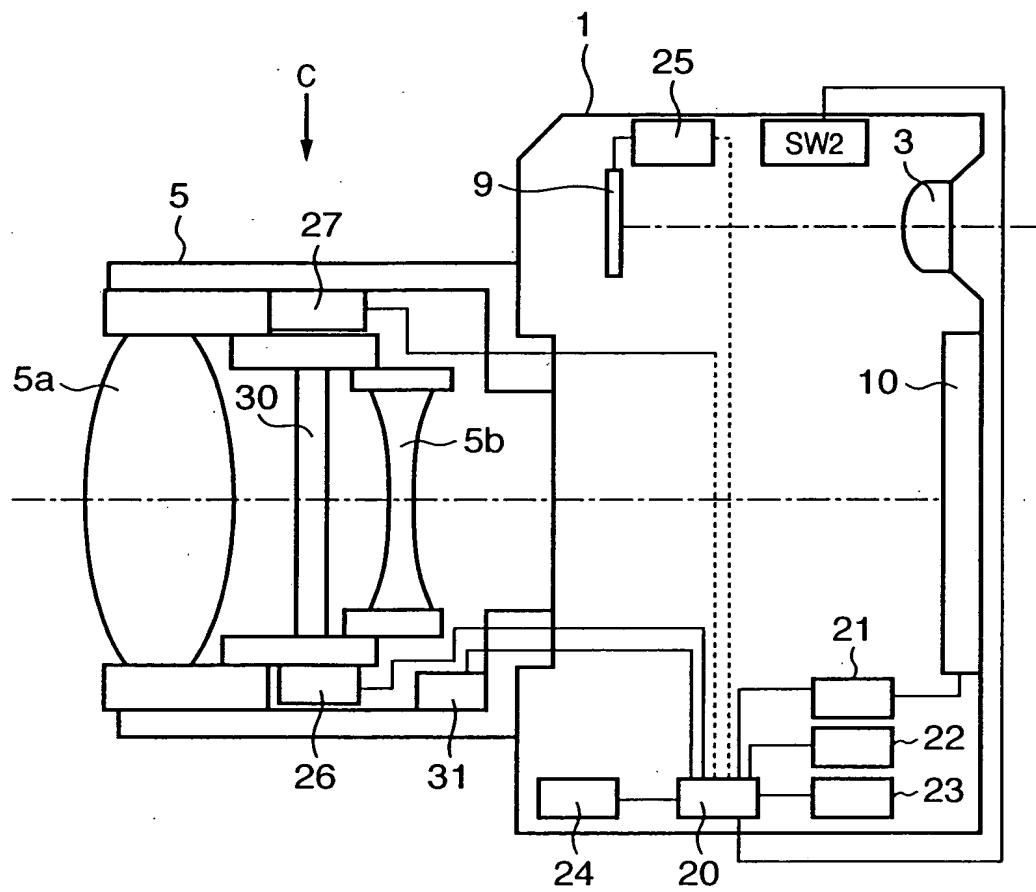


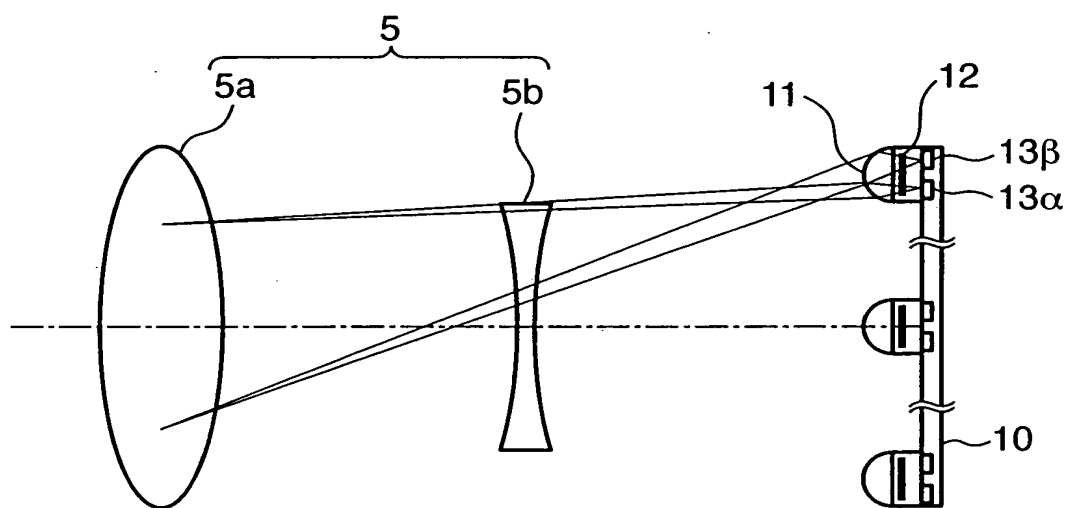
FIG. 2

FIG. 3

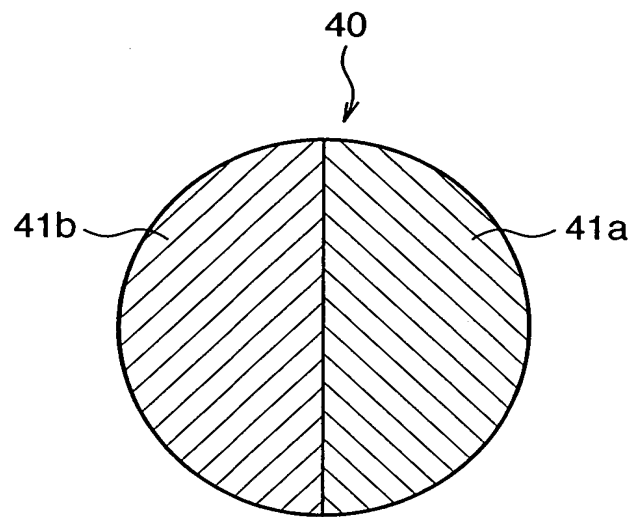


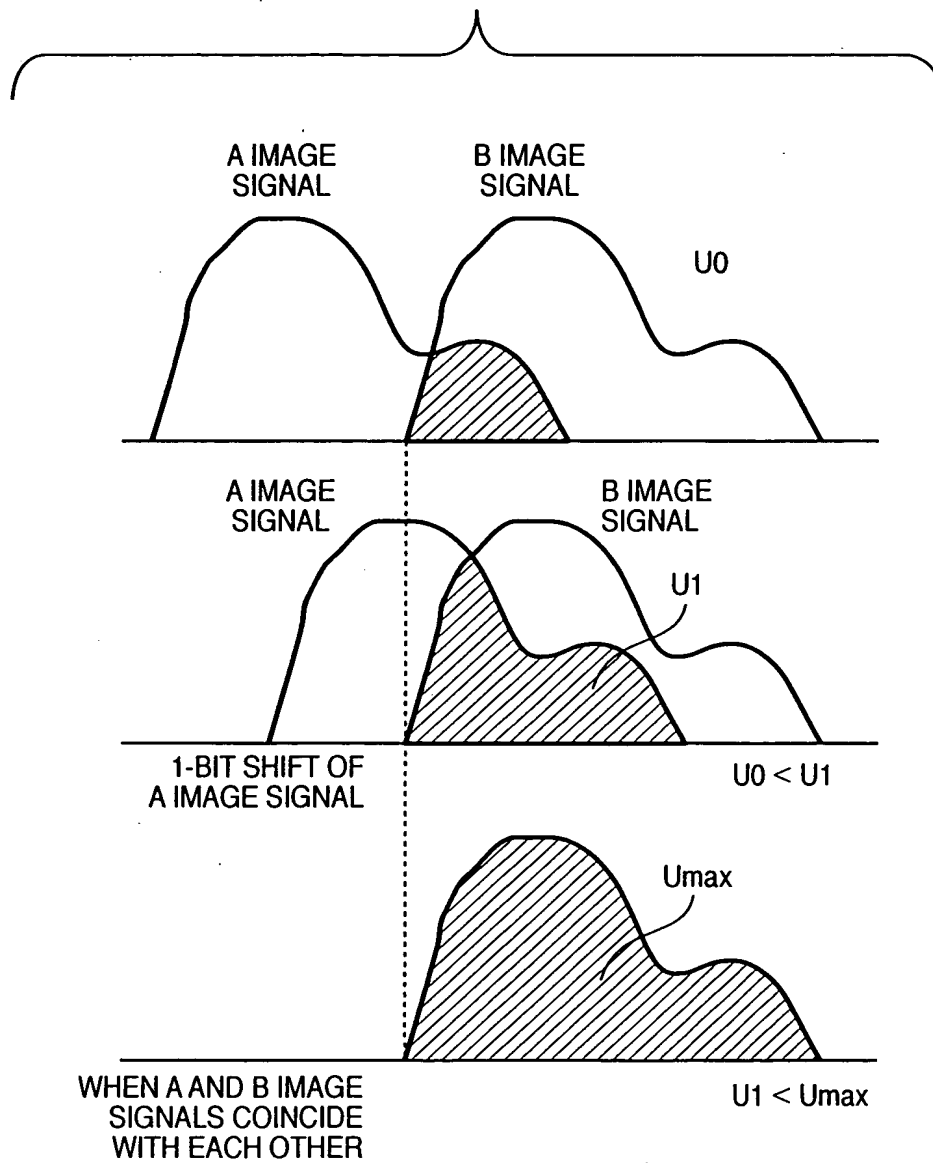
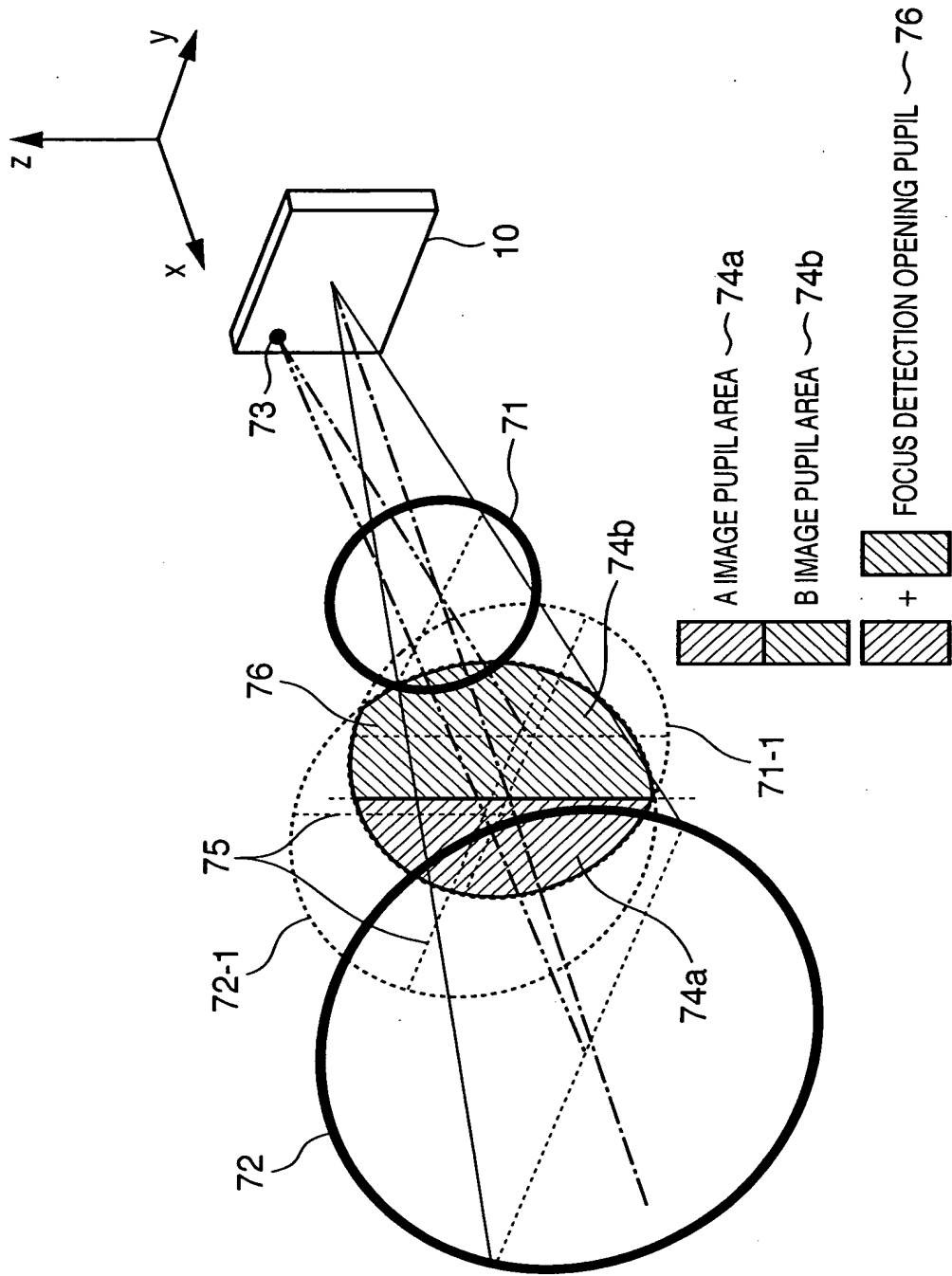




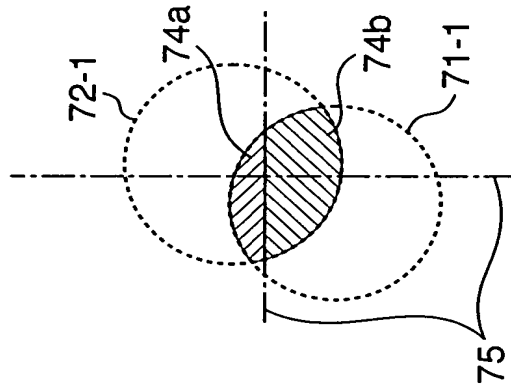
FIG. 4

FIG. 5

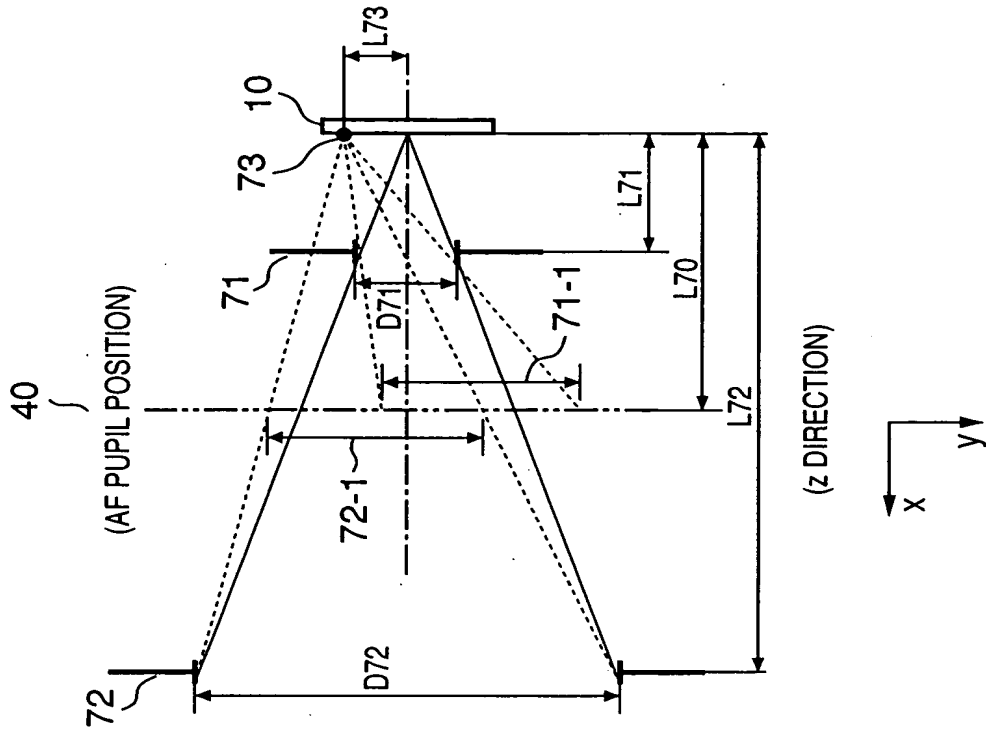


-  A IMAGE PUPIL AREA ~ 74a
-  B IMAGE PUPIL AREA ~ 74b
-  +  FOCUS DETECTION OPENING PUPIL ~ 76



ON AF PUPIL AREA
(x DIRECTION)

FIG. 6A



(z DIRECTION)

FIG. 6B

— A IMAGE SIGNAL
 --- B IMAGE SIGNAL

FIG. 7A

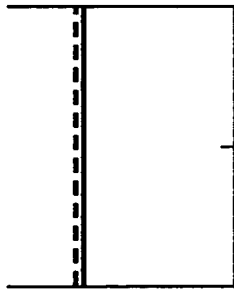


FIG. 7B

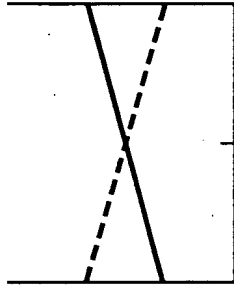


FIG. 7C

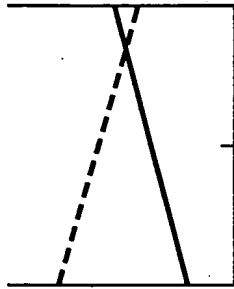


FIG. 7D

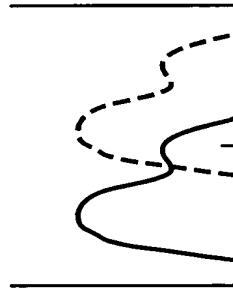


FIG. 7E

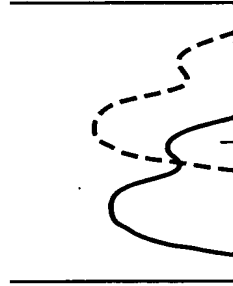


FIG. 7F

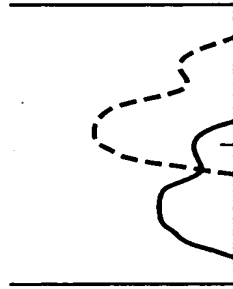


FIG. 8A

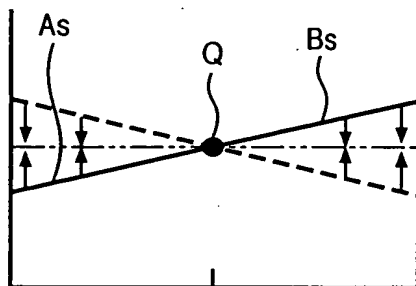


FIG. 8B

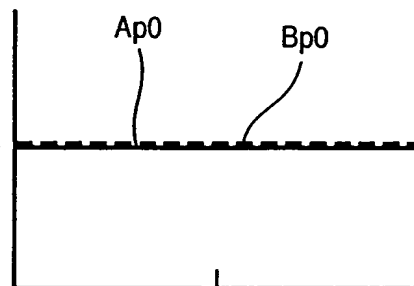


FIG. 8C

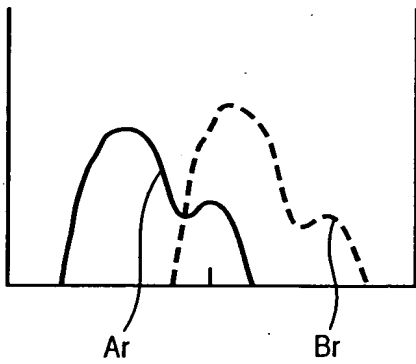


FIG. 8D

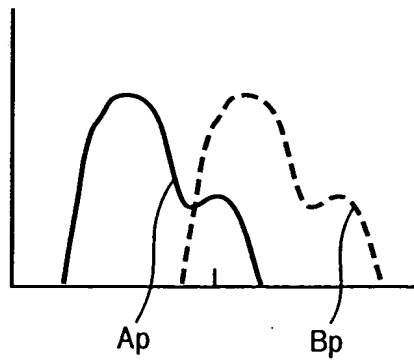


FIG. 9A

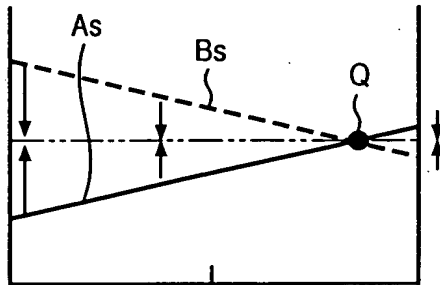


FIG. 9B

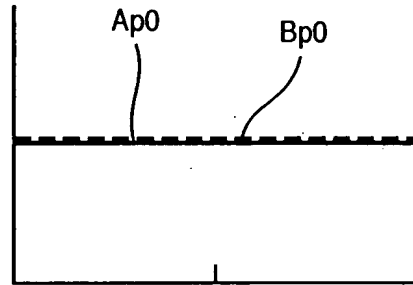


FIG. 9C

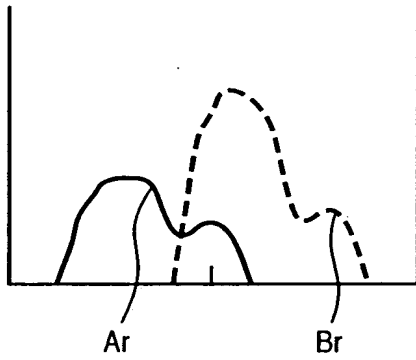


FIG. 9D

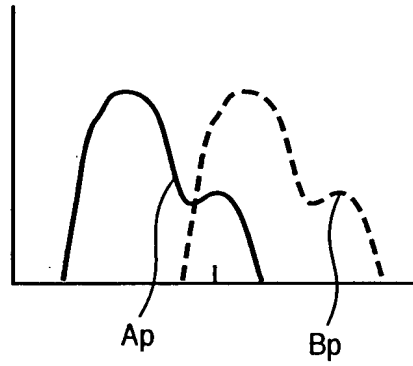


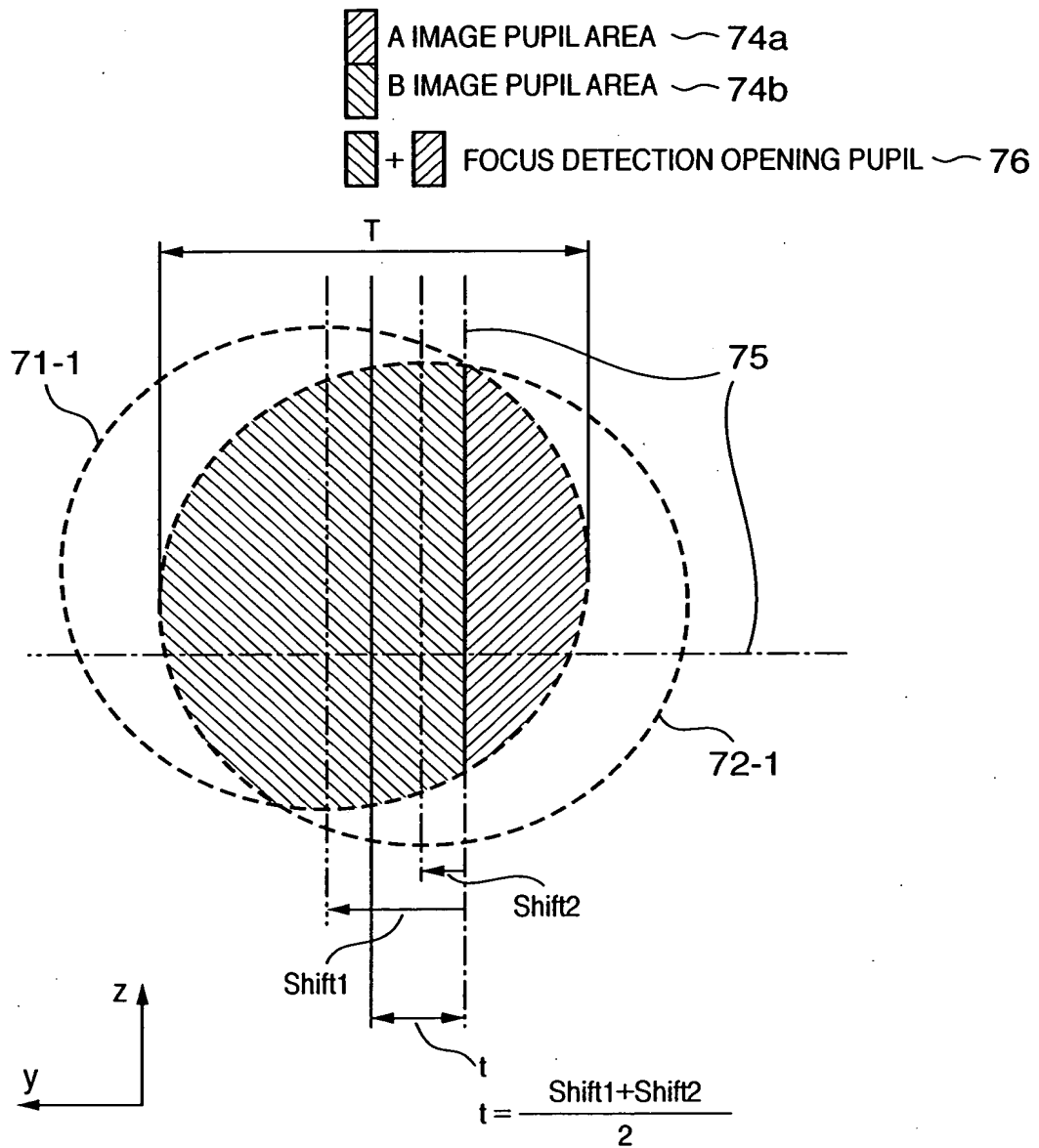
FIG. 10

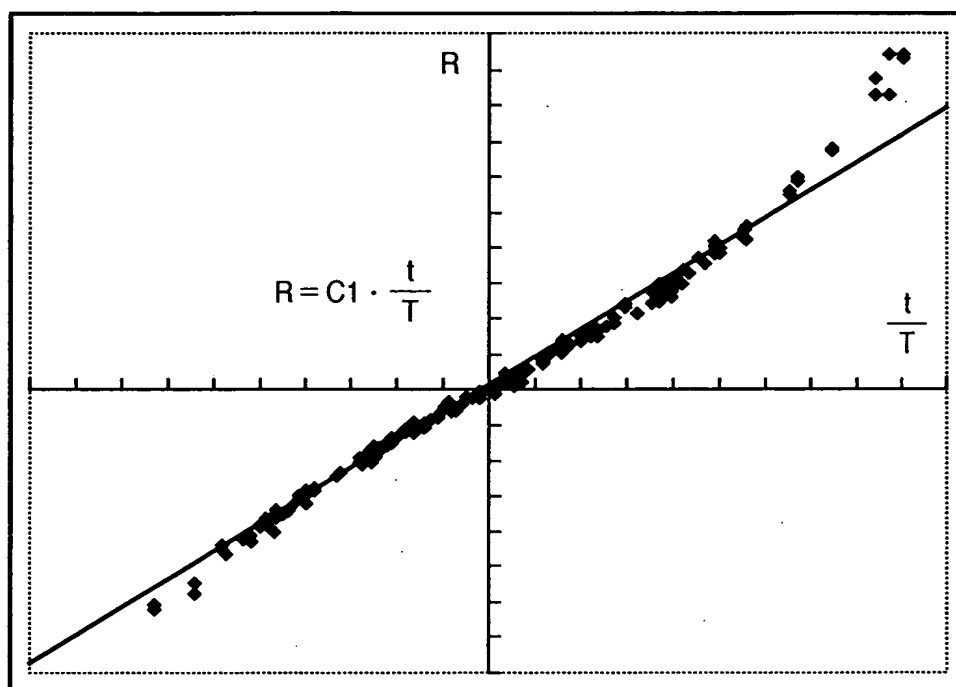
FIG. 11

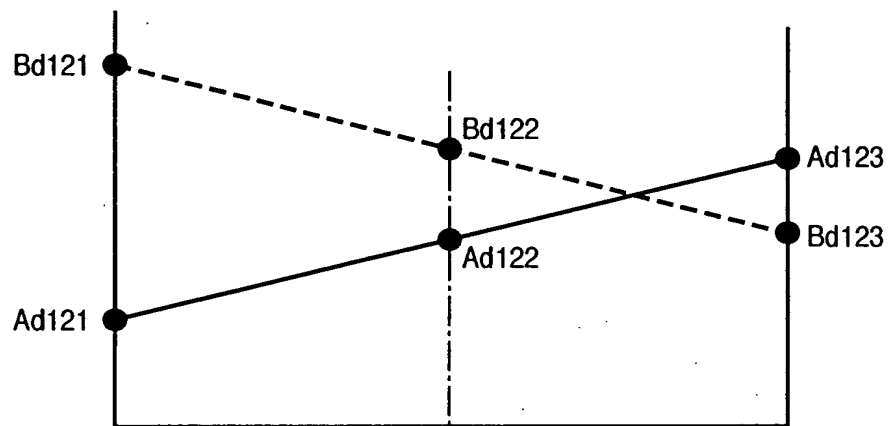
FIG. 12

FIG. 13

$$Ta = \text{Shift2} + \frac{D72_1}{2}$$



A IMAGE PUPIL AREA ~ 74a

B IMAGE PUPIL AREA ~ 74b



+ FOCUS DETECTION OPENING PUPIL ~ 76

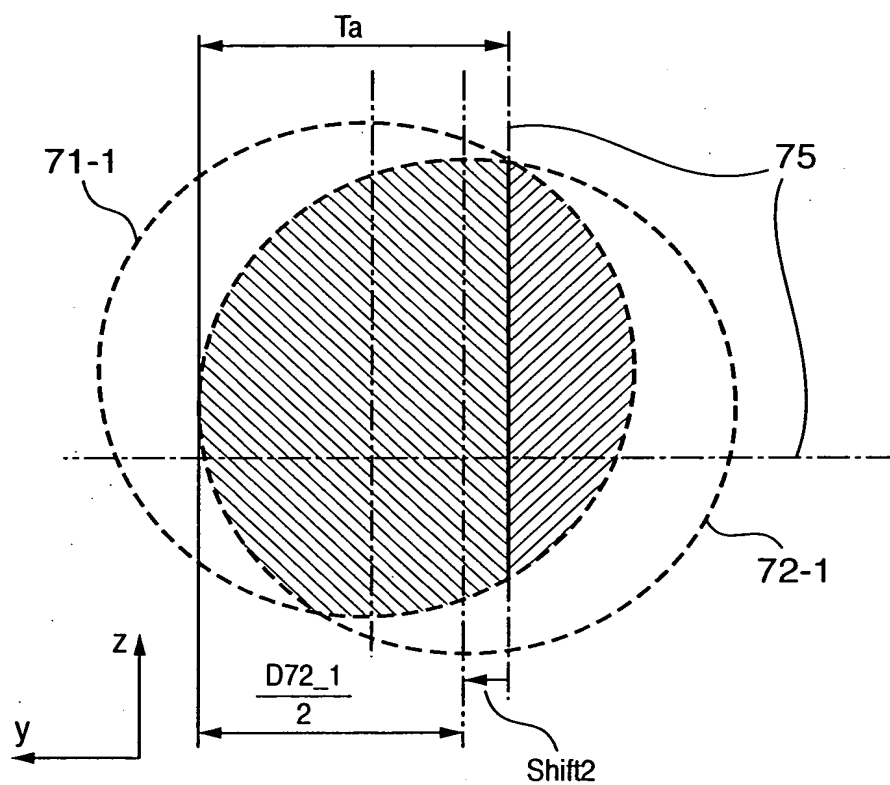


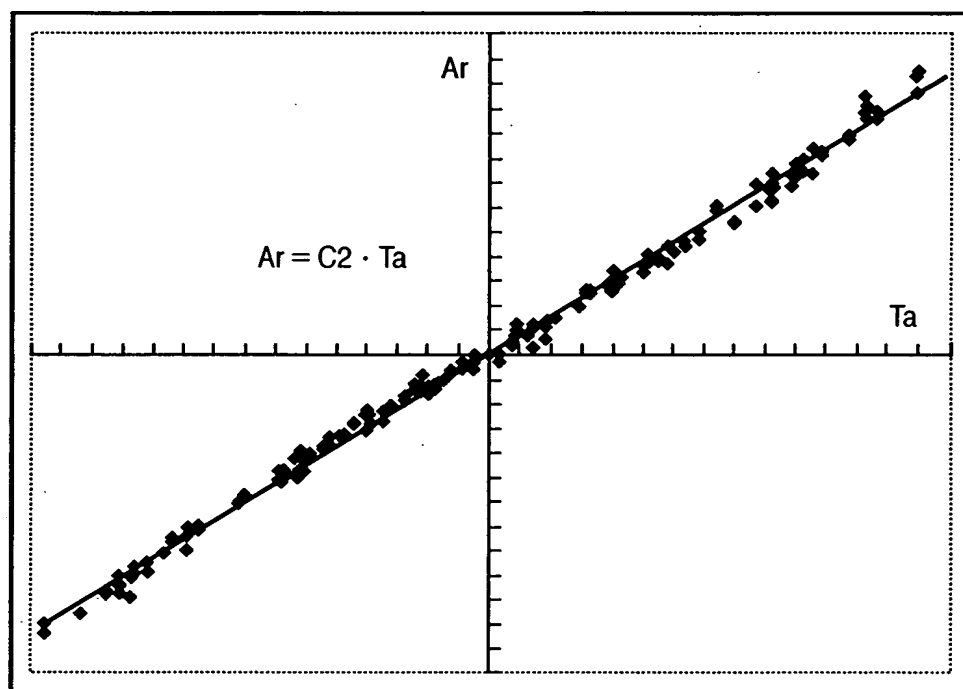
FIG. 14

FIG. 15

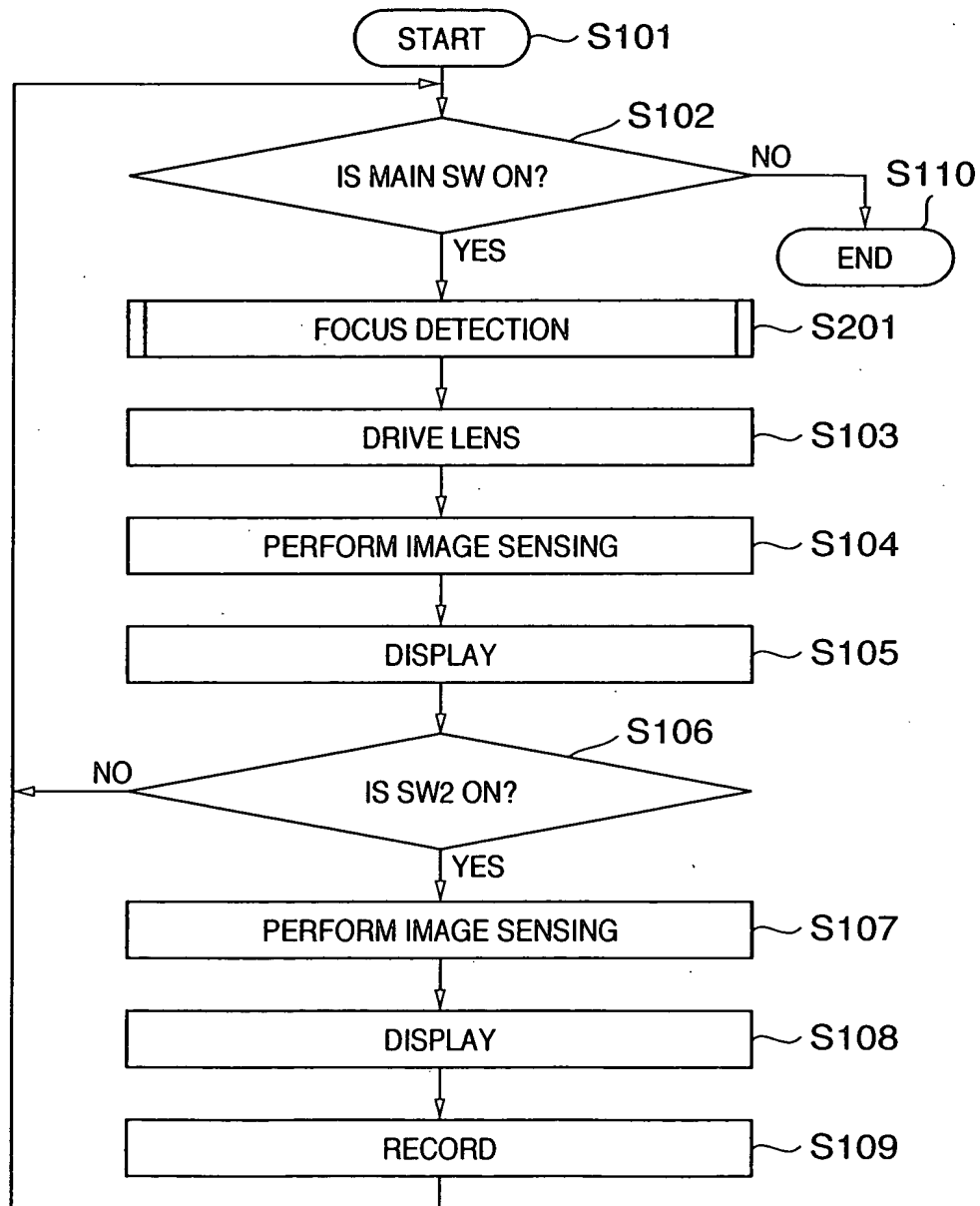


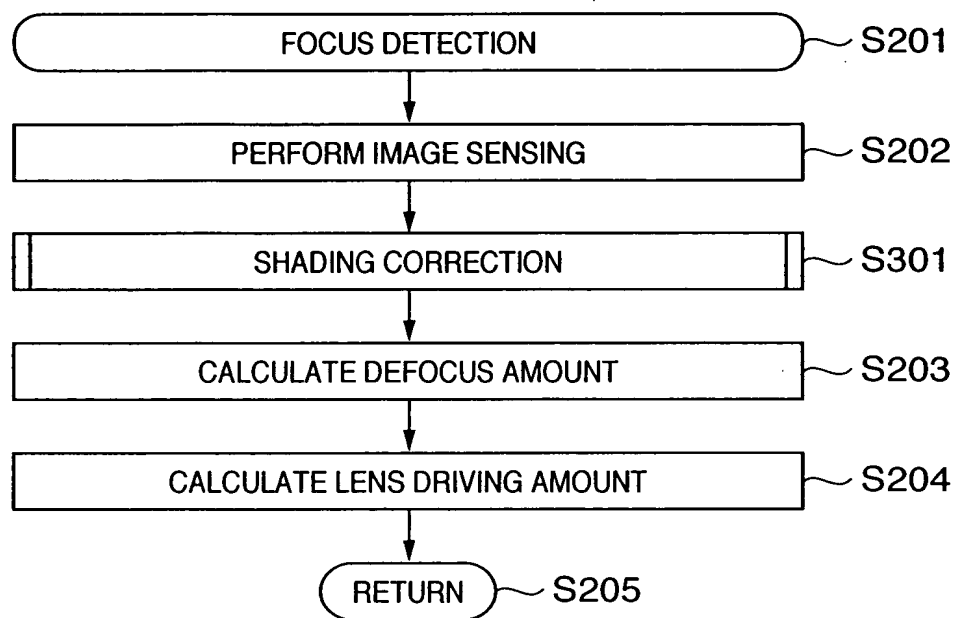
FIG. 16

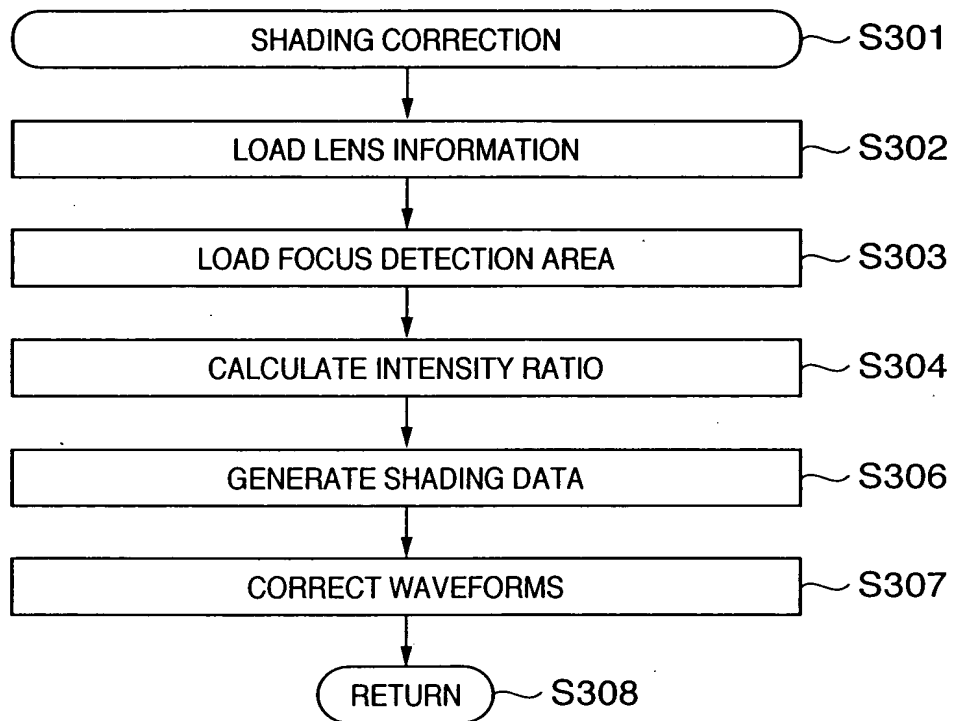
FIG. 17

FIG. 18

